AMENDMENTS TO THE CLAIMS

The following listing of claims replaces all prior versions and listings of claims.

Listing of Claims:

- 1. (original) A fuel cell system comprising:
 - a fluidization apparatus having therein metal particles and electrolyte;
- an electrochemical cell stack in fluid communication with the fluidization apparatus, the stack comprising an anode and a cathode;
 - a fuel delivery pump; and
- a fluidization pump, wherein the fluidization pump provides a stream comprising electrolyte to the fluidization apparatus at an orientation suitable for fluidizing at least a portion of the metal particles in the fluidization apparatus, and wherein a portion of the fluidized metal particles and electrolyte can be delivered to the anode of the electrochemical cell stack by the fuel delivery pump.
- 2. (currently amended) The fuel cell system of claim 1 wherein the container fluidization apparatus further comprises a fluidization jet connected to the fluidization pump for introducing the electrolyte stream into the container fluidization apparatus.
- 3. (original) The fuel cell system of claim 2 wherein the fluidization jet is oriented in an upward direction.
- 4. (original) The fuel cell system of claim 1 wherein the fluidization apparatus further comprises a spout tube having a first end and a second end, wherein the first end is positioned such that at least a portion of the fluidized metal particles enter the first end.

- 5. (currently amended) The fuel cell system of claim 4 wherein the fluidization apparatus further comprises a baffle positioned adjacent the second end of the spout tube for redirecting a portion of the fluidized <u>fuel metal</u> particles exiting the second end of the spout tube.
- 6. (currently amended) The fuel cell system of claim 5 wherein the fluidization apparatus further comprises a feed tube that passes through a surface of the eontainer fluidization apparatus such that providing a flow pathway for the fluidized metal particles and electrolyte out of the eontainer fluidization apparatus is established.
- 7. (original) The fuel cell system of claim 6 wherein the feed tube is positioned adjacent the second end of the spout tube.
- 8. (original) The fuel cell system of claim 7 wherein the feed tube further comprises a feed hole which provides access to the interior of the feed tube.
- 9. (original) The fuel cell system of claim 6 wherein the fuel delivery pump is connected to the feed tube to facilitate the flow of the fluidized metal particles into the feed tube.
- 10. (original) The fuel cell system of claim 1 wherein the metal particles comprise zinc, an alloy of zinc or a combination thereof.

11-33. (canceled)

- 34. (new) The fuel cell system of claim 6 further comprising a splitter element connected to the feed tube, the splitter element having a plurality of openings allowing fluidized metal particles and electrolyte to flow into the feed tube through multiple flow paths.
- 35. (new) The fuel cell system of claim 34 wherein the plurality of openings comprises a grating.
- 36. (new) The fuel cell system of claim 34 wherein the splitter element comprises a surface perforated by the plurality of openings.
- 37. (new) The fuel cell system of claim 36 further comprising a plurality of suction tubes, each suction tube connected to one of the openings and leading to the feed tube.
- 38. (new) The fuel cell system of claim 6 wherein the feed tube further comprises a redirection tube and a fluidization tube, the redirection tube directing the fluidized metal particles from the fluidization apparatus into the fluidization tube.
- 39. (new) The fuel cell system of claim 38 wherein the fluidization tube has an inner diameter greater than an inner diameter of the redirection tube.
- 40. (new) The fuel cell system of claim 2 wherein the fluidization apparatus further comprises sloped interior walls directing the metal particles by gravity toward the electrolyte stream of the fluidization jet.
- 41. (new) A fuel cell system comprising:

a fluidization apparatus containing an electrolyte solution and having a fuel inlet for receiving metal particles;

an electrochemical cell stack in fluid communication with the fluidization apparatus;

- a fluidization pump circulating the electrolyte solution through the fluidization apparatus to fluidize at least a portion of the metal particles; and
- a fuel delivery pump for supplying the fluidized metal particles to the electrochemical cell stack.
- 42. (new) The fuel cell system of claim 41 further comprising a fluidization jet connected to the fluidization pump for jetting the electrolyte solution into the fluidization apparatus.
- 43. (new) The fuel cell system of claim 42 wherein the fluidization apparatus further comprises sloped interior walls directing the metal particles by gravity toward the fluidization jet.
- 44. (new) The fuel cell system of claim 43 further comprising a spout tube having a first and second end, the first end positioned to receive at least a portion of the fluidized metal particles.
- 45. (new) The fuel cell system of claim 44 further comprising a baffle redirecting at least a portion of the fluidized metal particles exiting the second end of the spout tube.
- 46. (new) The fuel cell system of claim 45 further comprising a feed tube connected to the fuel delivery pump, the feed tube having an opening disposed within the fluidization apparatus for collecting a portion of the fluidized metal particles.

- 47. (new) The fuel cell system of claim 46 further comprising a splitter element connected to the feed tube, the splitter element having a plurality of openings allowing fluidized metal particles and electrolyte to flow into the feed tube through multiple flow paths.
- 48. (new) The fuel cell system of claim 47 wherein the splitter element comprises a surface perforated by the plurality of openings.
- 49. (new) The fuel cell system of claim 48 further comprising a plurality of suction tubes, each suction tube connected to one of the openings and leading to the feed tube.
- 50. (new) The fuel cell system of claim 49 wherein the feed tube further comprises a redirection tube and a fluidization tube, the redirection tube directing fluidized metal particles from the fluidization apparatus into the fluidization tube.
- 51. (new) The fuel cell system of claim 50 wherein the fluidization tube has an inner diameter greater than an inner diameter of the redirection tube.